

-10-

CLAIMS

1. A stand includes a base structure (1) placed on wheels (6), a immovable column (7) firmly attached by lower end to said base structure (1) and may be strengthened in that position by strengthening means (8), a horizontal immovable tube (9) firmly
5 attached to the upper end of said immovable column (7) and provided with generally a hole (10) to receive lockdown means (11);

characterized by:

a movable support assembly (12) including a foot (13), a vertical movable support member (17) and a horizontal movable support member (18); said movable support
10 assembly (12) adjusted to move by foot (13) being located generally around the leg (3) of said base structure (1) and capable of sliding freely along the length of leg (3) without varying the width of the base structure (1) and independently of said wheels (6);

a pair of adjustable and rotatable carrier assemblies (20) placed towards interior of
15 stand in relation to and between column (7) and vertical support member (17), each of said pair carrier assemblies (20) including a rotatable and adjustable arm (21) being rotatably and adjustably threaded through said horizontal immovable tube (9) and said horizontal movable support member (18) respectively to make by horizontally pulling of said arm(s) the necessary distance between said column (7)
20 and/or vertical support member (17) and involve side(s) of engine or gearbox so that said carrier assemblies and engine or gearbox may be rotated in 360 degrees in desired position; said arms (21) having a plurality of holes (22) to receive said lockdown means (11) previously threaded through existing respective hole (10 and/or 19) to lock carrier assemblies (20) and mounted engine or gearbox in desired
25 position; each of said carrier assemblies (20) further including a connecting member (23), a carrying plate (24), generally a pair of adjustable handles (26) having a first end and second end, each of said handles (26) being adjustably coupled by said first end to respective carrying plate (24) such that said second end of said handles (26) corresponds with and to be coupled to engine or gearbox rear side such to be
30 allowed clear access to all sides of engine or gearbox .

-11-

2. The stand of claim 1 wherein the foot (13) being generally shaped as said leg (3) and having first end and second end, both said ends staying free, the foot (13) includes generally a hole (14) and means (15,16) for locking the foot (13) in desired position, the longitudinal axes of said locking means (15,16) in relation to the longitudinal axes of foot (13), of the leg (3) and the direction of movement of support assembly (12) are at angle of 90 degrees.

3. The stand of claim 2 wherein said vertical movable support member (17) having an upper end and a lower end, said lower end firmly attached to said foot (13) and may be strengthened in that position by existing strengthening means (8).

4. The stand of claim 3 wherein said horizontal movable support member (18) firmly attached generally to the top of upper end of said vertical movable support member (17).

5. The stand of claim 4 wherein each of said arms having said holes (22) aligned in parallel circles along the length of the arms (21), each of said arms (21) having first end and second end, the second end generally staying free.

6. The stand of claim 5 wherein each of connecting members has a first end and a second end, each of said first ends firmly attached to first end of said respective arms (21).

7. The stand of claim 6 wherein each of said carrying plates has a first largest side and a second largest side, the first largest side firmly attached to each second end of said respective connecting members (23), said second largest side to be coupled with first end of said adjustable handles (26).

8. The stand of claim 7 wherein each of carrying plates (24) has a plurality of holes (25) aligned generally along the length of the largest side.

9. The stand of claim 8 wherein each of adjustable handles (26) has established adjustable slot (27).

10. The stand of claim 9 wherein each of said pair of carrier assemblies (20) includes sets of adapters (34) for facilitating manual rotation of engine and gearbox respectively.

30